



Attorney's Docket No.: 17120-002007 /2401G

**RESPONSE UNDER 37 C.F.R. §1.116**  
**--EXPEDITED PROCEDURE--**  
**EXAMINING GROUP 1600**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : C. Cantor *et al.*

Art Unit : 1634

Serial No. : 09/030,571

Examiner : Betty J. Forman

Confirmation No.: 7542

Filed : February 24, 1998

Customer No.: 20985

Title : **POSITIONAL SEQUENCING BY HYBRIDIZATION**

**Mail Stop AF**

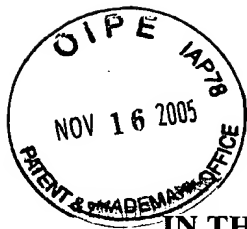
Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**SUPPORTING DOCUMENT**

Zubay, *Biochemistry* (1983), Chapter 18, "Structure of Nucleic Acids and Nucleoproteins"  
pages 661-663.



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**AMENDMENT AFTER FINAL**

Dear Sir:

Responsive to the Final Office Action, mailed July 14, 2005, entry of the following amendment and consideration of the following remarks are respectfully requested. It is respectfully submitted that entry of this amendment reduces the issues for appeal or places the case into condition for allowance. For example, the cancellation of claims 70, 72, 73 and 77-79 herein without prejudice or disclaimer obviates the rejections under 35 U.S.C. §112, first paragraph, 35 U.S.C. §102 and 35 U.S.C. §103. In addition, the amendment of claims 74 and 127 obviates the rejections under 35 U.S.C. §102 and 35 U.S.C. §103.

**Amendments to the claims** are reflected in the listing of the claims which begin on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.

A Supporting Document is included herewith.

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**  
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I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Mail Stop AF, Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

  
Stephanie Seidman